



DECORFINE

- DECORFINE P300
- DECORFINE 500 AND DECORFINE 900
- DECORFINE SIL500 AND DECORFINE SIL900

PROTECTIVE DECORATIVE COATINGS FOR INTERIORS AND EXTERIORS WHICH ALLOW SURFACES TO BREATH

PROBLEM

Damp-proofing and highly transpiring renders require finishes with this same important characteristic, which are mineralogically compatible and easy to apply.

Furthermore, these finishes must provide the most historical and natural aesthetic solutions.

DESCRIPTION

DECORFINE P300 is a ready to use decorative coating in premixed form which allows surfaces to breath. The base bonding agent is the purest slaked lime which allows very fine coloured finishes thanks to a maximum grain size of 0.3 mm.

DECORFINE 500 and 900 are ready mixed powders containing lime, hydraulic binders, choice selected mineral aggregates and additives which improve the workability of the product. The respective grain sizes are 0.5 and 1 mm.

DECORFINE SIL500 and SIL900 are transpiring decorative coatings in the form of paste containing stabilizing hydrophobic silicates.

The binding base is the purest silicate to improve the workability and resistance of the product. The grain sizes of the quartz sands are carefully selected up to a maximum of 0.5 mm for the SIL500 type and up to 1 mm for the SIL900 type. The special formulation guarantees the maximum transpirability of water vapour combined with the highest resistance to water as a water-repellent even only a few hours after application. The DECORFINE coatings guarantee an optimum water repellence and resistance to atmospheric agents. They have an optimum workability and can therefore be used on the widest variety of surfaces, guaranteeing an optimal adhesion to various types of support. Above all they guarantee the elimination of water vapour towards the exterior allowing the wall to breath which is essential in order to protect the environments from the problems and discomforts caused by damp. 15 colours are available in our catalogue.

FIELDS OF USE

The DECORFINE coatings are particularly suitable as

an aesthetic solution where it is necessary to maintain the hygrometric balance of masonry with a coating which allows the walls to breath and has a natural appearance in both composition and colour.

The quality finish is obtained thanks to the use of choice mineral pigments which meet any aesthetic requirements both in buildings of historical interest and in new constructions. The "light and shade" and the veiling which is obtained with the float, thanks to the natural composition of the product, produces a high quality finish on historical buildings.

COVERAGE

DECORFINE P300 and 900: roughly 2.5 kg/m².

DECORFINE 500: roughly 3 kg/m².

DECORFINE SIL500 and SIL 900: roughly 1.5 kg/m².



PRECAUTIONS

- Minimum application temperature, +5°C.
- Protect DECORFINE from frost, from rapid drying and from rainfall while the product is setting. In order to avoid the problems connected with rainfall we recommend impregnating the facades with the water-repellent IDROCOAT after having applied the coloured coating, (only for DECORFINE P300, 500 and 900).
- Wet the supports in hot weather avoiding wetting the product after it has been applied.
- Excessive quantities of water in the mix diminishes the resistance of the product and can cause whitish insoluble, calcium carbonate efflorescence.
- Do not add other materials to DECORFINE.
- Do not add water when the mix starts hardening.
- When applying the product on supports with different absorption characteristics, such as old repaired plaster, apply a coat of Primer Fix for DECORFINE P300, 500 and 900 or a coat of Porovent Fondo for DECORFINE SIL500 and SIL900 so that the product will harden uniformly.
- Store in a dry place.

SAFETY REGULATIONS

- When mixing the product wear a suitable mask to protect the respiratory tract.
- Protect hands and eyes with gloves and goggles.
- The work environment must be adequately ventilated.
- If the product comes into contact with the eyes, wash immediately with abundant water.

Refurbishment with DECORFINE

METHOD OF USE

SURFACE PREPARATION

Supports such as plaster or concrete must be clean and free of release agents, crumbling parts, saline efflorescence, dust and dirt in general. Plastered surfaces must be levelled with a float to make application easier. During the summer months wet the supports, avoiding working on the walls exposed to direct sunlight during the hottest hours. If necessary apply a prime coat to make the surface uniform.

PREPARATION OF THE MIX

DECORFINE P300 is ready to use, just mix it to bring

it to a workable consistency.

DECORFINE 500 and 900 are ready to use and should be mixed with approximately 20% of clean water (5 litres x 25 kg bag). Mixing should be done either in a cement mixer or with a hand held mechanical mixer for no longer than 3 minutes, avoiding air bubbles.

DECORFINE SIL500 and SIL900 are ready to use products. Simply mix before applying.

APPLICATION

Apply the product with a stainless steel float, smoothing it out to a uniform thickness.

DECORFINE P300 should be applied in two coats, finishing off with a sponge float or smoothed down with a stainless steel float.

DECORFINE 500 should be finished off with a sponge float.

DECORFINE 900 is normally finished off with a smooth plastic float.

DECORFINE SIL500 and SIL900 can be finished off with a sponge or plastic float depending on the grain size of the desired finish.

DECORFINE

GRAIN SIZE



DECORFINE P300

Maximum grain size 0.3 mm



DECORFINE 500

Maximum grain size 0.5 mm



DECORFINE 900

Maximum grain size 1 mm



DECORFINE SIL500

Maximum grain size 0.5 mm

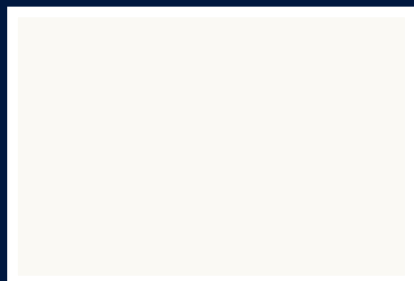


DECORFINE SIL900

Maximum grain size 1 mm

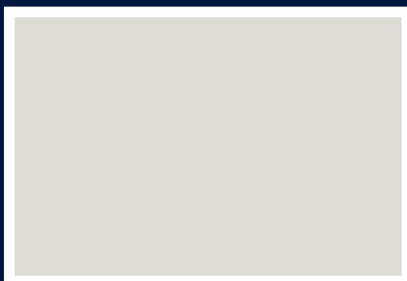
DECORFINE

TABLE OF AVAILABLE COLOURS FOR DECORFINE P300 - 500 - 900 - SIL500 - SIL900



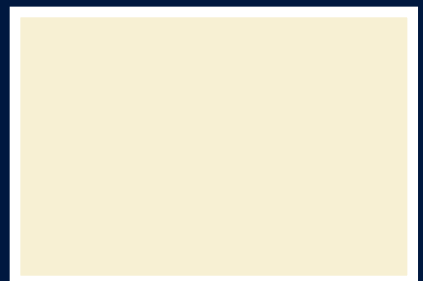
WHITE

101



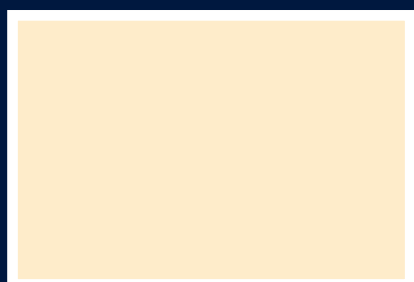
GREY

202



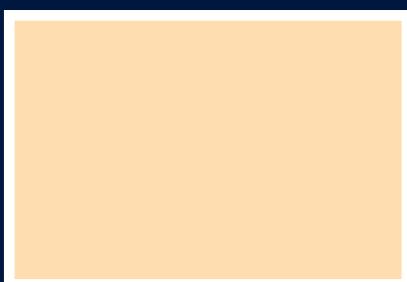
IVORY YELLOW

303



SANDSTONE YELLOW

304



FLORENCE YELLOW

305



SIENNA YELLOW

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ROME YELLOW

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SUN YELLOW

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EARTH ORANGE

409



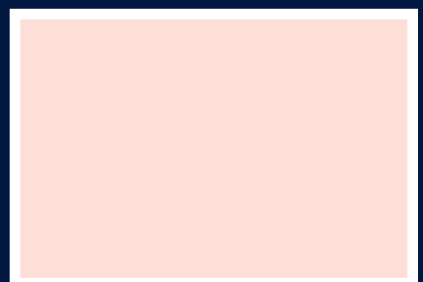
VENICE ORANGE

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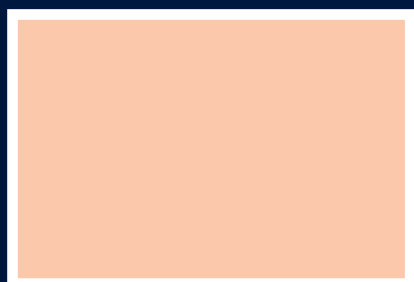
VERONA ORANGE

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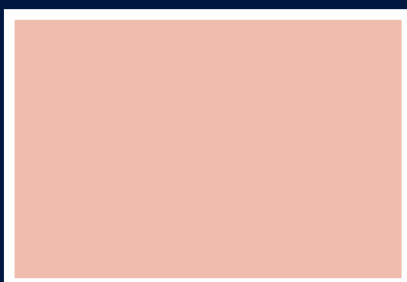
PEACH PINK

512



PORTUGAL PINK

513



ANTIQUÉ PINK

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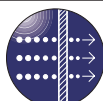
CORAL PINK

515

DECORFINE

TECHNICAL CHARACTERISTICS

	DECORFINE				
	P300	500	900	SIL500	SIL900
Appearance	Paste	Powder	Powder	Paste	Paste
Colour	15 colours	15 colours	15 colours	15 colours	15 colours
Apparent dry specific weight	-	1.1 kg/litre	1.1 kg/litre		
Specific weight of the mix	1.5 kg/litre	1.7 kg/litre	1.7 kg/litre	1.5 kg/litre	1.5 kg/litre
pH				11.8	11.8
Brookfield viscosity (ASTM D2196-68)				180,000 cps	180,000 cps
Adhesion (UEAtc)				0.5 N/mm ²	0.5 N/mm ²
Permeability to vapour (DIN 52 615)	13 µ	11 µ	11 µ	40 µ	40 µ
Water absorption coefficient	-	0.3 W	0.3 W		
Application temperature	+5°/+35°C	+5°/+35°C	+5°/+35°C	+5°/+35°C	+5°/+35°C
Setting time at 23°C and 60% UR				2 hours	2 hours
Hardening time at 23°C and 60% UR				24 hours	24 hours
Rain dry at 23°C and 60% UR				5 hours	5 hours
Yield	2-2.5 kg/m ²	2.5-3 kg/m ²	2.5-3 kg/m ²	1.5 kg/m ²	1.5 kg/m ²
Shelf life in the original containers	6 months	6 months	6 months	6 months	6 months



ALLOW TO BREATHE



WATER-BASED



MIX MECHANICALLY



TO BE APPLIED BY INOX SPATULA



MINIMUM APPLICATION TEMPERATURE



KEEP AWAY FROM FROST



STORE IN DRY PLACES



WEAR PROTECTIVE CLOTHING



RECYCLABLE



NON-DANGEROUS WASTE

ADVANTAGES

- Highly transpiring.
- Mineralogical properties totally compatible with the plaster.
- High workability and adhesion.
- Highly water repellent.
- Natural colours for aesthetic solutions which respect historical surroundings.
- High resistance to aggressive atmospheric agents and UV rays.

PRODUCT



CONTAINERS

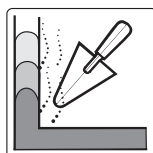
- **DECORFINE P300**
25 kg pails
- **DECORFINE 500 e DECORFINE 900**
25 kg bags
- **DECORFINE SIL500 e DECORFINE SIL900**
25 kg pails

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Construction Systems

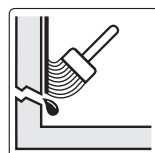
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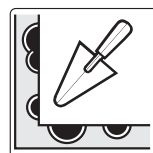
- FOR ANY FURTHER INFORMATION OR ADVICE ON PARTICULAR APPLICATIONS, CONTACT OUR TECHNICAL OFFICE
- IN ORDER TO CORRECTLY USE OUR PRODUCTS, REFER TO INDEX TECHNICAL SPECIFICATIONS



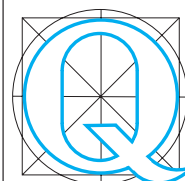
Restoration of damp masonry using damp-proofing renders



Waterproofing with vapour permeable cements



Concrete refurbishment



TOTAL QUALITY
Q.S. ISO 9001

ring the numerous possible uses and the possible interference of conditions or elements beyond our control, we assume no responsibility regarding the results which are obtained. The purchasers, of their own accord and under their own responsibility, must establish the suitability of the product for the envisaged use.

The figures shown are average indicative figures relevant to current production and may be changed or updated by INDEX S.p.A. at any time without previous warning. The advice and technical information provided, is what results from our best knowledge regarding the properties and the use of the product. Consider